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TRANSLATION COVER SHEET

Attached is an English translation of the corrected version of
PCT/FR2003/001356, published July 29, 2004, including the amended claims.

Respectfully submitted,



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Protective Cover for a Comforter

This invention concerns a protective cover for a comforter comprising a bottom face and a top face, which form a flexible woven fabric envelope.

Many covers as defined above are known in the state of the art. It is common practice to use comforter covers to keep comforters clean. By changing the cover, users can change the outer appearance such as the fabric, pattern, and colour of a comforter as desired. To date, such covers have been in the form of a parallelepiped-shaped fabric sack with one open side through which the comforter is inserted. This open side can in some cases be closed by means of buttons, snaps, or other closure devices.

Problems are often encountered when attempting to insert the comforter into these types of covers. At present, to place the comforter in its cover, the user must insert it through one relatively narrow end and try to match up the corners of the cover to achieve as flat a surface as possible. This technique is time-consuming and frustrating because it is very difficult to position the comforter correctly. The problem is even greater for larger comforters.

Various solutions have been proposed to solve this problem. One solution is to create a central opening in the top face of the cover, as illustrated in particular in patent FR-A-2.799.358 as well as patents GB-A-2.303062 and DE-A-2.829.873. In this type of cover, certain corners of the cover are still difficult to reach, so the user still wastes time attempting to position at least part of the corners of the comforter so that they match up with the corners of the cover. This operation also requires physical effort on the part of the user.

Another solution consists of making a comforter cover in the form of individual parts, one of which forms a top, and which can be fastened together and separated. This solution is illustrated in particular in document FR-A-2.649.877. In this case, the user wastes time positioning and matching up the top and bottom pieces. If snaps are used, the edges become pleated, especially the longitudinal edges, which results in an unattractive appearance. If zippers are used, the zippers must be matched up each time on all four sides to close the cover completely. Moreover, this type of comforter cover takes up more space when stored.

Thus, one object of this invention is to provide a comforter cover that is easy to put on, since the top and bottom faces of this comforter cover are designed to be partially separated and fastened together easily and quickly, without being bulky.

Another object of this invention is to provide a comforter cover whose appearance is identical to a traditional cover.

Another object of this invention is to provide a comforter cover designed to be reversible.

For this purpose, the invention concerns a protective cover for a comforter according to claim 1. Particular methods for creating the invention are described in the dependent claims.

The design of this comforter cover, in the form of a single-piece envelope whose top and bottom faces can be partially separated to allow for easy positioning of the comforter without requiring total separation of said faces, facilitates the insertion of a comforter without physical effort for the user.

The invention will be better understood upon reading the following description and examples made with reference to the accompanying drawings, wherein:

- Figure 1 represents a top view of a comforter cover in accordance with the invention, with the two faces comprising the envelope of the cover separated.
- Figure 2 represents a partial schematic bottom view of the bottom face of the comforter cover with the two faces fastened together, and
- Figure 3 represent a bottom view of the bottom face of the comforter cover, with the faces separated.

As mentioned above, the protective comforter cover 1 comprises a bottom face 1A and a top face 1B made of flexible fabric so as to form an envelope essentially rectangular or square in shape. This envelope is characterized by the fact that it is in the form of a single-piece envelope comprising a permanently closed edge 2A and three edges 2B, 2C, 2D provided with fast opening and closing devices that allow for partial separation of the two faces 1A, 1B

of the envelope such that in the separated state, faces 1A and 1B are an extension of one another as illustrated in figure 1. With the cover in this position, the comforter is simply placed on one of the faces, in this case, the bottom face 1A of the cover, then other face is brought up to cover the comforter, in this case the top face 1B of the envelope, and finally the edges 2B, 2C, 2D of the envelope are at least partially closed. In the examples shown, the permanently closed edge of the cover 1 comprises the head edge 2A of said cover 1. Each face 1A, 1B of the cover 1 is provided on its foot edge 2C, opposite head edge 2A of the cover 1, with a flap 4 that can be folded under the mattress to secure the comforter cover and comforter in place. This flap 4 also constitutes at least a partial rapid closing device for edge 2C of cover 1. Top face 1B of the cover is also provided, in two of its corners bordering edge 2C on the foot side of said face B1, with a pocket 5B essentially triangular in shape, which pocket forms a flap to contain the corner bordering edge 2C on the foot edge of bottom face 1A of the cover of said faces 1A, 1B. Thus, flap 4 and pockets 5B constitute the fast opening/closing devices for edge 2C on the foot side of the cover.

In the examples shown, the cover 1 is reversible. Therefore, each face 1A, 1B of the cover is provided in its two corners bordering foot edge 2C of cover 1 with a pocket 5A, 5B, generally triangular in shape, whose role is to constitute an at least partial closing device for foot edge 2C of the cover of faces 1A, 1B. When faces 1A, 1B of the cover are made of different fabric, pocket 5A, 5B, attached to one face 1A, 1B of cover 1, is made of the material constituting the other face of the cover 1. As illustrated in the figures, where each pocket 5A, 5B is constituted of a triangular piece added to one face 1A, 1B of the cover 1. One of the edges of the piece is attached to foot edge 2C of the top face or respectively the bottom face, and is attached to the inner wall of this face of the cover. The other edge of said piece is attached to side edge 2B, 2D of said face and is inserted between fast closing device 3 and the inner wall of the face so as not to interfere with the operation of said closing device 3. In the examples shown, side edges 2B, 2D of the cover 1 connecting the head edge 2A and the foot edge 2B of the cover are provided with a zipper 3 concealed by at least one flap overlapping onto the top face of the envelope when the faces 1A 1B are in the assembled position. In the case of a reversible comforter cover, the element of the zipper on bottom face 1A of the envelope is also positioned on a flap of the bottom face, this flap being intended to conceal closing device 3.

For this purpose, the top face or respectively the bottom face of the envelope are provided with a fold or a flap to which the zipper is attached. Thus each zipper is sewn to a flap of edge

2B, 2D of one of the faces of the envelope. The fastening stitching is preferably located in the immediate vicinity of the fold line of the flap to allow the flap of the face in question to conceal the entire zipper. The flap may also be provided with a snag guard (not shown). This snag guard is designed to prevent the comforter from getting caught in the zipper when the zipper is closed.

Finally, as illustrated in figure 3, one of the faces, in this case bottom face 1A of the cover, can be provided on the inside, in two of its corners bordering foot edge 2C of the cover, with an additional pocket 6, generally triangular in shape, into which the foot edge of the comforter is inserted before the edges 2B, 2C, 2D of the cover are joined. This pocket 6 is an additional triangular piece positioned on the inner side of a face. This piece is attached by one of its edges to a side edge 2B or 2D of one face, this edge being covered by the zipper, while another edge of the piece is attached to foot edge 2C of the cover. The tip of the piece matches up with the tip of the angle formed by edges 2B and 2C or respectively 2B and 2D. This pocket 6 is generally larger in size than pockets 5A or 5B and extends between pocket 5A or 5A and face 1A or 1B as shown in figure 3.

Finally, the top face or respectively the bottom face of the cover may be provided on the inside in a predetermined location with a self-gripping closing device (not shown). This closing device is positioned to work with an additional closing device positioned on the comforter.

This comforter cover works as follows: the zippers 3 are opened and faces 1A and 1B of the comforter cover are thus separated to extend out into a position in accordance with figure 1. Bottom face 1A of the comforter cover is positioned on the bed. The comforter is then positioned flat on said face. When the additional triangular pockets 6 are present, the corners of the comforter may be inserted into said pockets to help hold the comforter in place on said face 1A. Face 1B is then brought up to cover the comforter such that said face extends parallel to face 1A. Triangular pockets 5B on face 1B of the comforter cover are then folded back to extend over the outer side of face 1B. The zippers 3 may be closed until they reach the vicinity of edge 2C then the triangular pockets 5B are folded back so as to be positioned on the outer side of face 1A as illustrated in figure 2. Thus, the corners of bottom face 1A of the comforter are inserted into this pocket 5B, which constitutes a fast closing element for edge 2C of the cover. When the triangular pockets 5A are also present on bottom face 1A of the

envelope, these pockets 5A are also, before the zippers 3 are closed, folded back to extend over the outer side of the top face 1A. They will thus be covered by the pockets 5B so as to be entirely concealed. The flaps 4 are then positioned under the mattress so as to ensure closure of the central area of edge 2C of the cover. If the comforter cover is reversible, faces 1A, 1B constitute in turn a top face or a bottom face. For this purpose, each face is provided with triangular pockets 5A, 5B in these corners bordering foot edge 2C of the cover. Thus, when face 1B becomes the bottom face of the comforter, pockets 5A house the corners of face 1B bordering foot edge 2C of the cover. These pockets 5A cover, on the outer side of face 1B, pockets 5B that have been folded back previously. This is why pockets 5A, attached to face 1A of the cover, are made of a material matching the material used on face 1B of the cover, and likewise, pockets 5B, attached to face 1B of the cover, are made of the a material matching the material used on face 1A of the cover. These pockets 5A, 5B thus ensure continuity in the pattern of the face that they cover when said faces are fastened together. Thus, flaps 4 and pockets 5A or 5B constitute the fast opening and closing system for edge 2C of the cover. This cover thus presents the appearance of a cover in accordance with the state of the art, while its design makes it possible to readily insert the comforter into the cover.